

SEQUENCE LISTING

<110> Ian Popoff

Susan M. Freier

Kenneth W. Dobie

<120> MODULATION OF SOCS-3 EXPRESSION

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<150> US 60/464,212

<151> 2003-04-18

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115

Met Val Thr

1

cac agc aag ttt ccc gcc gcc ggg atg agc cgc ccc ctg gac acc agc 163
 His Ser Lys Phe Pro Ala Ala Gly Met Ser Arg Pro Leu Asp Thr Ser
 5 10 15

ctg cgc ctc aag acc ttc agc tcc aag agc gag tac cag ctg gtg gtg 211
 Leu Arg Leu Lys Thr Phe Ser Ser Lys Ser Glu Tyr Gln Leu Val Val
 20 25 30 35

aac gca gtg cgc aag ctg cag gag agc ggc ttc tac tgg agc gca gtg 259
 Asn Ala Val Arg Lys Leu Gln Glu Ser Gly Phe Tyr Trp Ser Ala Val
 40 45 50

acc ggc ggc gag gcg aac ctg ctg ctc agt gcc gag ccc gcc ggc acc 307
 Thr Gly Gly Glu Ala Asn Leu Leu Leu Ser Ala Glu Pro Ala Gly Thr
 55 60 65

ttt ctg atc cgc gac agc tcg gac cag cgc cac ttc ttc gcg ctc agc 355
 Phe Leu Ile Arg Asp Ser Ser Asp Gln Arg His Phe Phe Ala Leu Ser
 70 75 80

gtc aag acc cag tct ggg acc aag aac ctg cgc atc cag tgt gag ggg 403
 Val Lys Thr Gln Ser Gly Thr Lys Asn Leu Arg Ile Gln Cys Glu Gly
 85 90 95

ggc agc ttc tct ctg cag agc gat ccc cgg agc acg cag ccc gtg ccc 451
 Gly Ser Phe Ser Leu Gln Ser Asp Pro Arg Ser Thr Gln Pro Val Pro
 100 105 110 115

cgc ttc gac tgc gtg ctc aag ctg gtg tac cac tac atg ccg ccc cct 499
 Arg Phe Asp Cys Val Leu Lys Leu Val Tyr His Tyr Met Pro Pro Pro
 120 125 130

gga gcc ccc tcc ttc ccc tcg cca cct act gaa ccc tcc tcc gag gtg 547
 Gly Ala Pro Ser Phe Pro Ser Pro Pro Thr Glu Pro Ser Ser Glu Val
 135 140 145

ccc gag cag ccg tct gcc cag cca ctc cct ggg agt ccc ccc aga aga 595
 Pro Glu Gln Pro Ser Ala Gln Pro Leu Pro Gly Ser Pro Pro Arg Arg

150	155	160	
gcc tat tac atc tac tcc ggg ggc gag aag atc ccc ctg gtg ttg agc			643
Ala Tyr Tyr Ile Tyr Ser Gly Gly Glu Lys Ile Pro Leu Val Leu Ser			
165	170	175	
cgg ccc ctc tcc tcc aac gtg gcc act ctt cag cat ctc tgt cgg aag			691
Arg Pro Leu Ser Ser Asn Val Ala Thr Leu Gln His Leu Cys Arg Lys			
180	185	190	195
acc gtc aac ggc cac ctg gac tcc tat gag aaa gtc acc cag ctg ccg			739
Thr Val Asn Gly His Leu Asp Ser Tyr Glu Lys Val Thr Gln Leu Pro			
200	205	210	
ggg ccc att cgg gag ttc ctg gac cag tac gat gcc ccg ctt taa			784
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gaaggtgaag gtcggagtc

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Met Ser Arg Pro Leu Asp Thr Ser Leu Arg Leu Lys Thr Phe Ser Ser			
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aaa agc gag tac cag ctg gtg gtg aac gcc gtg cgc aag ctg cag gag			146
Lys Ser Glu Tyr Gln Leu Val Val Asn Ala Val Arg Lys Leu Gln Glu			
30	35	40	
agc gga ttc tac tgg agc gcc gtg acc ggc ggc gag gcg aac ctg ctg			194
Ser Gly Phe Tyr Trp Ser Ala Val Thr Gly Gly Glu Ala Asn Leu Leu			
45	50	55	
ctc agc gcc gag ccc gcg ggc acc ttt ctt atc cgc gac agc tcg gac			242
Leu Ser Ala Glu Pro Ala Gly Thr Phe Leu Ile Arg Asp Ser Ser Asp			
60	65	70	75
cag cgc cac ttc ttc acg ttg agc gtc aag acc cag tcg ggg acc aag			290
Gln Arg His Phe Phe Thr Leu Ser Val Lys Thr Gln Ser Gly Thr Lys			
80	85	90	
aac cta cgc atc cag tgt gag ggg ggc agc ttt tcg ctg cag agt gac			338
Asn Leu Arg Ile Gln Cys Glu Gly Gly Ser Phe Ser Leu Gln Ser Asp			
95	100	105	
ccc cga agc acg cag cca gtt ccc cgc ttc gac tgt gta ctc aag ctg			386
Pro Arg Ser Thr Gln Pro Val Pro Arg Phe Asp Cys Val Leu Lys Leu			
110	115	120	
gtg cac cac tac atg ccg cct cca ggg acc ccc tcc ttt tct ttg cca			434
Val His His Tyr Met Pro Pro Pro Gly Thr Pro Ser Phe Ser Leu Pro			
125	130	135	
ccc acg gaa ccc tcg tcc gaa gtt ccg gag cag cca cct gcc cag gca			482
Pro Thr Glu Pro Ser Ser Glu Val Pro Glu Gln Pro Pro Ala Gln Ala			
140	145	150	155

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 Leu Pro Gly Ser Thr Pro Lys Arg Ala Tyr Tyr Ile Tyr Ser Gly Gly
 160 165 170

gag aag att ccg ctg gta ctg agc cga cct ctc tcc tcc aac gtg gcc 578
 Glu Lys Ile Pro Leu Val Leu Ser Arg Pro Leu Ser Ser Asn Val Ala
 175 180 185

acc ctc cag cat ctt tgt cgg aag act gtc aac ggc cac ctg gac tcc 626
 Thr Leu Gln His Leu Cys Arg Lys Thr Val Asn Gly His Leu Asp Ser
 190 195 200

tat gag aaa gtg acc cag ctg cct gga ccc att cgg gag ttc ctg gat 674
 Tyr Glu Lys Val Thr Gln Leu Pro Gly Pro Ile Arg Glu Phe Leu Asp
 205 210 215

cag tat gat gct cca ctt taa ggagcaaaag ggtagagagg gggcctgggt 725
 Gln Tyr Asp Ala Pro Leu *
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